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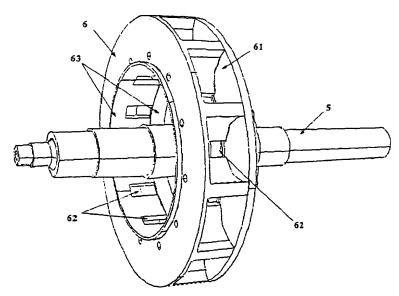
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(54) Title: LIQUID RING COMPRESSOR



(57) Abstract: Liquid ring compressor, characterized by an eccentric inner rotor (6) is supported in axles (8,9) to an outer co-rotor (3) for the liquid ring, where the bearing of the co-rotors (11) is outside the same axles on each side is enclosed in an enclousure where it on each sides of the bearing (11) is arranged a rotating lip seal (82) which lip (83) abut the axles (8,9) at low speed, and which at high speed is projected due to centrifugal forces out and lifts itself from the axles, where through holes (81) through the co-rotor's sidewalls and bearing enclosure, its volume within the liquid ring is aired to the surrounding enclosure (1), and ensures that it is not created a differential pressure across the bearings and the seals of the bearings.



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